VERSION DESCRIPTION DOCUMENT FOR THE NASA PERSONNEL/PAYROLL SYSTEM

Tables Release 2.9.2 UNITeS Contract 04/08/04



National Aeronautics and Space Administration

George C. Marshall Space Flight Center Huntsville, AL 35812

VERSION DESCRIPTION DOCUMENT FOR THE NASA PERSONNEL/PAYROLL SYSTEM TABLES RELEASE 2.9.2

Reviewed by

	04/08/04		04/08/04
Billy Graham Agencywide IRM, HR	Date	Jim Cofer Configuration Management	Date
Hector Garcia	04/08/04 Date	Richard Bishop DBA	04/08/04 Date

Prepared by

Unified NASA Information Technology Services, Contract NNM04AA02C

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GEORGE C. MARSHALL SPACE FLIGHT CENTER HUNTSVILLE, ALABAMA

04/08/04

VERSION DESCRIPTION DOCUMENT FOR THE NASA PERSONNEL/PAYROLL SYSTEM TABLES RELEASE 2.9.2

Approved by

<u>04/08/04</u> Date

Marisa Wofford Consolidated Center Project Manager

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GEORGE C. MARSHALL SPACE FLIGHT CENTER HUNTSVILLE, AL

04/08/04

TABLE OF CONTENTS

Section	Page
1.0 INTRODUCTION	1 - 1
1.1 IDENTIFICATION OF RELEASE	1 - 1
1.2 PURPOSE OF THE RELEASE	1 - 1
1.3 SCOPE OF THE RELEASE	1 - 1
1.4 CONTACT POINTS	1 - 2
2.0 FUNCTIONAL INFORMATION	2 - 1
2.1 FUNCTIONAL CHANGES	2 - 1
2.2 FUNCTIONAL INTERFACES	2 - 1
2.3 CRITICAL ISSUES	2 - 1
2.9.2 AFFECTED DOCUMENTS	2 - 1
2.9.2 APPLICATION SYSTEM ADMINISTRATION	2 - 1
3.0 TECHNICAL INFORMATION	3 - 1
3.1 TECHNICAL SYSTEM INTERFACES	3 - 1
3.2 DATA DICTIONARY CHANGES	3 - 1
3.3 SOFTWARE OBJECT CHANGES	3 - 1
3.4 DATABASE ADMINISTRATION	3 - 1
3.4.1 RELEASE DATASET NAMES	3 - 1
3.4.2 INVENTORY OF OBJECTS	3 - 1
3.4.3 STORAGE CONSIDERATIONS	3 - 1
3.4.4 INSTALLATION PROCEDURES	3 - 1
3.5 OPERATIONAL PREPARATION	3 - 2

APPENDICES

Appen	dix	Page
Α	ABBREVIATIONS AND ACRONYMS	A - 1
В	GLOSSARY	B - 1
С	FUNCTIONAL CHANGE VALIDATION PROCEDURES	C - 1
D	INSTALLATION INSTRUCTIONS	D - 1

1.0 INTRODUCTION

This Version Description Document (VDD) identifies the exact version of the National Aeronautics and Space Administration (NASA) Personnel/Payroll System (NPPS) software and NPPS core tables released for installation/implementation.

1.1 IDENTIFICATION OF RELEASE

System Name: NPPS

Release Number: Tables Release 2.9.2

Release Date: 04/08/04

Release Effective Date: This release must be implemented after a Payroll Initialization,

CA00006, has been run.

The release datasets will be made available to the production support DBA for installation, at which time all centers will be notified that it has been installed.

1.2 PURPOSE OF THE RELEASE

The purpose of this release is to implement the table changes allocated to table Release 2.9.2. The detailed description of the release is specified in Appendix C, Functional Change Validation Procedures and Description of All Changes.

1.3 SCOPE OF THE RELEASE

This release provides the functional and technical user of NPPS with information regarding changes to the content and status of the NPPS Tables Release 2.9.2, including the following:

- Changes to core tables since the last release
- Detailed table installation procedures
- Validation procedures to ensure the reliability of the table changes

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering Support for Agencywide Administrative Systems (SESAAS) provides sustaining engineering for NPPS through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center located at Marshall Space Flight Center (MSFC). Questions regarding the function and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center, using the following Key Words: SESAAS and NPPS.

Telephone: (256) 544-5516

E-mail: billy.graham@msfc.nasa.gov

FAX: (256) 544-1836

2.0 FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

No functional changes have been made for this release. Validation Procedures and descriptions of all changes related to this release are included in Appendix C.

2.2 FUNCTIONAL INTERFACES

Not applicable

2.3 CRITICAL ISSUES

Not applicable

2.9.2 AFFECTED DOCUMENTS

Not applicable

2.9.2 APPLICATION SYSTEM ADMINISTRATION

Not applicable

3.0 TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration.

3.1 TECHNICAL SYSTEM INTERFACES

Not applicable

3.2 DATA DICTIONARY CHANGES

Not applicable

3.3 SOFTWARE OBJECT CHANGES

Not applicable

3.4 DATABASE ADMINISTRATION

This section describes the Database Administration activities for NPPS.

3.4.1 Release Dataset Names

The dataset names for Tables Release 2.9.2 have been provided to the production support DBA. The dataset names are included in the Introduction of Appendix D, Installation Instructions.

3.4.2 Inventory of Objects

An inventory of objects is described in Paragraph 3.2 of Appendix D, Installation Instructions.

3.4.3 Storage Considerations

Not applicable

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions, for detailed installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release.

APPENDIX A ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

ADP Automated Data Processing

CSRS Civil Service Retirement System

DBA Database Administrator

FEHB Federal Employee Health Benefits

HR Human Resources

IRM Information Resources Management

JCL Job Control Language

MSFC Marshall Space Flight Center

NACC NASA ADP Consolidation Center

NASA National Aeronautics and Space Administration

NPPS NASA Personnel/Payroll System

RC Requirements Change

SESAAS Sustaining Engineering Support for Agencywide Application Services

TSP Thrift Savings Plan

UNITeS Unified NASA Information Technology Services

VDD Version Description Document

APPENDIX B GLOSSARY

GLOSSARY

Consolidation Center

Responsibility for processing and balancing payroll for all centers in the consolidated database.

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of an application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

APPENDIX C FUNCTIONAL CHANGE VALIDATION PROCEDURES AND DESCRIPTION OF ALL CHANGES

VALIDATION PROCEDURES TABLES RELEASE 2.9.2

This release requires no functional change. The tables affected by this release are listed below, along with the applicable validation procedure.

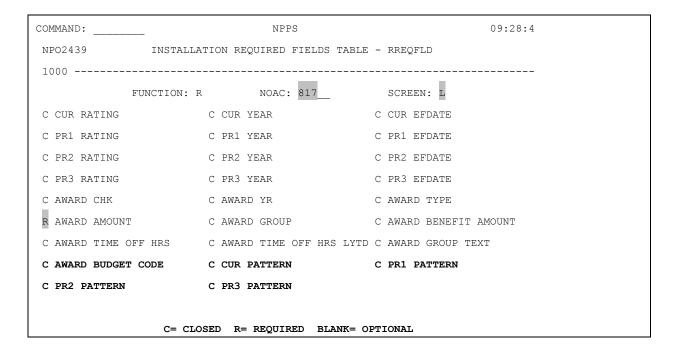
1. 20040016 - TNOAC Changes

- A. Purpose: Add new NOAC.
- **B. Validation:** Access the TNOAC table, screen 1 of 1 and validate that the following is there:

COMMAND:	NPPS	09:32:02
NEO5128	NATURE OF ACTION CODE - TNOAC	
1000		
FUNCTION: R	ACTION CODE: 817	
SF50 REQUIRED: _		
DESCRIPTION LINE 1:		
DESCRIPTION LINE 2: S'	TUDENT LOAN REPAYMENT	

2. 20040016 - RREQFLD Changes

- A. Purpose: Add new NOAC to RREQFLD.
- **B. Validation:** Access the RREQFLD table, screen 1 of 1 and validate that the following is there:



3. 20040018 - TTAX - MISSOURI STATE TAX

- **A**. **Purpose:** Add Missouri State Tax to TTAX.
- **B. Validation:** Access the TTAX table, screen 1 of 1 and validate that the following is there for Marital Status S, M & H:

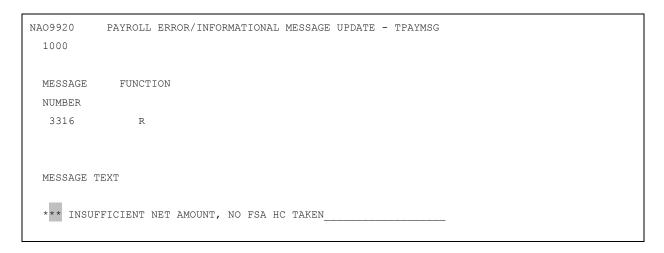
NAO2040	FEDE	FEDERAL AND STATE TAX TABLE - TTAX								
1000										
TAX CODE: MO_	MARI'	TAL STATUS S	FUNCTION R	SPOT	SUPPLEMENTAL					
MARYLAND %:	FILII	NG STATUS _		AWARDS	WAGES					
	(DC/G	A=J,S)(NJ=A,B,	C,D,E)	TAX %	FED TAX %					
NAME: MISSOURI	EX AI	MT: 1200.00		_6.00						
GROSS PAY OR			GROSS PAY OR							
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT					
	_1.500		1000.00	_2.000	15.00					
2000.00	_2.500	35.00	3000.00	_3.000	60.00					
4000.00	_3.500	90.00	5000.00	_4.000	125.00					
6000.00	_4.500	165.00	7000.00	_5.000	210.00					
8000.00	_5.500	260.00	9000.00	_6.000	315.00					
					:					

NAO2040	FEDERAL AND STATE TAX TABLE - TTAX								
1000									
TAX CODE: MO_	MARI	TAL STATUS M	FUNCTION R	SPOT	SUPPLEMENTAL				
MARYLAND %:	FILI	NG STATUS _		AWARDS	WAGES				
	(DC/G	A=J,S)(NJ=A,B,	,C,D,E)	TAX %	FED TAX %				
NAME: MISSOURI_	EX A	MT: 1200.00		6.00					
GROSS PAY OR			GROSS PAY OR						
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT				
	_1.500		1000.00	_2.000	15.00				
2000.00	_2.500	35.00	3000.00	_3.000	60.00				
4000.00	_3.500	90.00	5000.00	_4.000	125.00				
6000.00	_4.500	165.00	7000.00	_5.000	210.00				
8000.00	_5.500	260.00	9000.00	_6.000	315.00				
					:				

NAO2040 FEDERAL AND STATE TAX TABLE - TTAX									
1000									
TAX CODE: MO_	MARI'	TAL STATUS H	FUNCTION R	SPOT	SUPPLEMENTAL				
MARYLAND %:	FILI	NG STATUS _		AWARDS	WAGES				
	(DC/G	A=J,S)(NJ=A,B,	C,D,E)	TAX %	FED TAX %				
NAME: MISSOURI	EX Al	MT: 1200.00		_6.00					
GROSS PAY OR			GROSS PAY OR						
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT				
	_1.500		1000.00	_2.000	15.00				
2000.00	_2.500	35.00	3000.00	_3.000	60.00				
4000.00	_3.500	90.00	5000.00	_4.000	125.00				
6000.00	_4.500	165.00	7000.00	_5.000	210.00				
8000.00	_5.500	260.00	9000.00	_6.000	315.00				
					:				

4. 20040020 - TPAYMSG - INFORMATIONAL MESSAGES

- A. Purpose: Change Informational Messages.
- **B. Validation:** Access the TPAYMSG table, screen 1 of 1 and validate that the following is there for Message Number 3316 and 3317:



NAO9920 1000	PAYROLL ERROR/INFORMATIONAL MESSAGE UPDATE - TPAYMSG	
MESSAGE NUMBER	FUNCTION	
3317	R	
MESSAGE !	TEXT FFICIENT NET AMOUNT, NO FSA DC TAKEN	

5. 20040027 - TTAX - NEW YORK STATE TAX

- A. Purpose: Change New York State Taxes.
- **B. Validation:** Access the TTAX table, screen 1 of 1 and validate that the following is there for Marital Status S and M:

NAO2040	FEDE	FEDERAL AND STATE TAX TABLE - TTAX									
1000											
TAX CODE: NY_	MARI	TAL STATUS	S FUNCTI	ON R	SPOT	SUPPLEMENTAL					
MARYLAND %:	FILI	NG STATUS	_		AWARDS	WAGES					
	(DC/G	A=J,S)(NJ=A	A,B,C,D,E)		TAX %	FED TAX %					
NAME: NEW YORK_	EX A	MT:38.50			8.20						
GROSS PAY OR			GROSS PA	Y OR							
FED WH	PERCENT	AMOUNT	FED W	Η	PERCENT	AMOUNT					
	_4.000		3	00.80	_4.500	12.31					
423.00	_5.250	17.5	505	00.00	_5.900	21.54					
769.00	_6.850	37.4	1234	62.00	_7.640	221.85					
3846.00	_8.670	251.2	2357	69.00	_8.930	417.96					
7692.00	_7.880	589.6	59192	31.00	_8.200	1498.92					

AO2040	FEDER	AL AND STATE TA	X TABLE - TTAX		
1000					
TAX CODE: NY_	MARI	TAL STATUS M	FUNCTION R	SPOT	SUPPLEMENTAL
MARYLAND %:	FILI	NG STATUS _		AWARDS	WAGES
	(DC/G	A=J,S)(NJ=A,B,	C,D,E)	TAX %	FED TAX %
NAME: NEW YORK_	EX A	MT:38.50		8.20	
GROSS PAY OR			GROSS PAY OR		
FED WH	PERCENT	AMOUNT	FED WH	PERCENT	AMOUNT
	_4.000		308.00	_4.500	12.31
423.00	_5.250	17.50	500.00	_5.900	21.54
769.00	_6.850	37.42	3462.00	_7.640	221.85
3846.00	_8.140	251.23	5769.00	_9.450	407.85
7692 00	7.880	589.50	19231.00	8.200	1498.73

6. 20040030 - TTAX - NORTH CAROLINA STATE TAX

- A. Purpose: Change North Carolina State Taxes.
- **B. Validation:** Access the TTAX table, screen 1 of 1 and validate that the following is there for Marital Status S, M and H:

NAO2040	FEDERA	L AND STATE	TAX TAB	LE - TTA	X		
1000							
TAX CODE: NC_	MARIT	'AL STATUS	S FU	NCTION	R	SPOT	SUPPLEMENTAL
MARYLAND %:	FILIN	IG STATUS	_			AWARDS	WAGES
	(DC/GA	=J,S)(NJ=A,	B,C,D,E)		TAX %	FED TAX %
NAME: NTH CAROLI	NA EX AM	T: 2000.00				_6.00	
GROSS PAY OR			GROS	S PAY OR			
FED WH	PERCENT	AMOUNT	F	ED WH		PERCENT	AMOUNT
	_6.000 _			_12750.0	0	_7.000	127.50
60000.00	_7.750 _	577.50		120000.0	0	_8.250	1177.50

NAO2040	FEDEF	RAL AND STA	TE TAX	TABLE - TTA	λX		
1000							
TAX CODE: NC_	MARIT	AL STATUS	М	FUNCTION	R	SPOT	SUPPLEMENTAL
MARYLAND %:	FILIN	IG STATUS	_			AWARDS	WAGES
	(DC/GA		А,В,С,	D,E)		TAX %	FED TAX %
NAME: NTH CAROLINA	EX AN	T: 2000.00				_6.00	
GROSS PAY OR			G	ROSS PAY OR			
FED WH PE	RCENT	AMOUNT		FED WH	Pl	ERCENT	AMOUNT
	6.000 _			10625.00) _	7.000	106.25
50000.00	7.750 _	481.	25 _	100000.00) _	_8.250	981.25
							

NAO2040	FEDERAL AND STAT	TE TAX TABLE - TTAX		1
1000				
TAX CODE: NC_	MARITAL STATUS	H FUNCTION	R SPOT	SUPPLEMENTAL
MARYLAND %:	FILING STATUS	_	AWARDS	WAGES
	(DC/GA=J,S) (NJ=	=A,B,C,D,E)	TAX %	FED TAX %
NAME: NTH CAROLINA	EX AMT: 2000.00)	6.00	
GROSS PAY OR		GROSS PAY OR		
FED WH PE	ERCENT AMOUNT	FED WH	PERCENT	AMOUNT
	6.000	17000.00	_7.000	170.00
80000.00	7.750770.	.00160000.00	_8.250	1570.00

7. 20040045 - TDEGSCH - EDUCATIONAL SCHOOL

- A. Purpose: Add Educational School.
- **B.** Validation: Access the TDEGSCH table, screen 1 of 1 and validate that the following is there for School Code UR00000H:

```
NEO5114 EDUCATIONAL SCHOOL - TDEGSCH

1000 -----

FUNCTION: R SCHOOL CODE: UR00000H
```

RUSSIA	ORT, MOS	TRANSF	RAILROAD	OF	UNIV.	MOSCOW	NAME:	SCHOOL	
--------	----------	--------	----------	----	-------	--------	-------	--------	--

8. 20040046 - TLOA - LOCALITY ADJUSTMENT INDICATOR

- A. Purpose: Change Duty Station Remarks
- **B. Validation:** Access the TLOA table, screen 1 of 1 and validate that the following is there for Duty Station 06\$\$\$053 ES and GS pay plans:

NEO5181	LOCALITY	ADJUSTMENT	INDICATOF	R - TLOA		
FUNCTION: R						
DUTY STATION: 06\$\$\$	\$053	PAY PLAN:	ES	OCCUPATIONAL	CODE:	
LOA INDICATOR: 88						
LEO/IGA PERCENT:		LOA PERCENT	24.21			
REMARKS: MONTEREY,	CA					

NEO5181	LOCALITY	ADJUSTMENT	INDICATOR	R - TLOA		
1000						
FUNCTION: R						
DUTY STATION: 06\$\$\$	\$\$053	PAY PLAN:	GS	OCCUPATIONAL	CODE:	
LOA INDICATOR: 88						
LEO/IGA PERCENT:		LOA PERCEN'	T. 24 21			
LEO/IGA PERCENI:		LOA FERCEN.	1. 24.21			
REMARKS: MONTEREY,	CA					

9. 20030115 - TLIMIT -

A. Purpose: Add FSA Limits

B. Validation: Access the TLIMIT table, screen 1 of 1 and validate that the following is there for FSA HC & DC:

NAO2080	LIMITATIONS TABLE - TLIMIT			
1000	MISCELLANEC	MISCELLANEOUS LIMITS		
	МІОСПІВАНІС	OS ZIMITO		
FUNCTION: R				
CFC MIN DEDUCTION:	1.00	MILITARY LEAVE MAX HOURS:296.00		
EXPERT MAX DAILY PAY:	524.80			
ANNUAL LEAVE CEILING:	240	FLEXITOUR CR HR LIMIT: _24.00		
		COP INJURY LIMIT:360.00		
ANNUAL FSA HC LIMIT:	_4000.00	WEEKLY THRESHOLD FOR OVERTIME		
ANNUAL FSA DC LIMIT:	_5000.00	FIRE: _53.00		

10. 20030115 - TPAYMSG -

- A. Purpose: Add FSA Messages Limits
- **B. Validation:** Access the TPAYMSG table, screen 1 of 1 and validate that the following is there for FSA HC & DC (4 new messages):

NAO9920	PAYROLL ERROR/INFORMATIONAL MESSAGE UPDATE - TPAYMSG
1000	
MESSAGE	FUNCTION
NUMBER	
3318	R
MESSAGE TE	CXT
* YTD FS	SA HC DED GT THAN YEARLY MAX - NO DED TAKEN

NAO9920	PAYROLL ERROR/INFORMATIONAL MESSAGE UPDATE - TPAYMSG
1000	
MESSAGE	FUNCTION
NUMBER	
3319	R
MESSAGE TE	XT
• YTD FSA	DC DED GT THAN YEARLY MAX - NO DED TAKEN

NAO9920	PAYROLL ERROR/INFORMATIONAL MESSAGE UPDATE - TPAYMSG
1000	
MESSAGE	FUNCTION
NUMBER	
3320	R
MESSAGE T	EXT
* YTD F	SA HC DED WOULD BE NEGATIVE - NO DED TAKEN

NAO9920	PAYROLL ERROR/INFORMATIONAL MESSAGE UPDATE - TPAYMSG
1000	
MESSAGE	FUNCTION
NUMBER	
3321	R
MESSAGE T	EXT
* YTD F	SA DC DED WOULD BE NEGATIVE - NO DED TAKEN

NASA PERSONNEL PAYROLL SYSTEM RELEASE DESCRIPTION TABLES RELEASE 2.9.2

The purpose of this release is to implement the changes allocated to tables release 2.9.2 described below.

TABLES RELEASE 2.9.2

RC 1620s IMPLEMENTED

CCR	Description	Table
20030115	Add FSA limits	TLIMIT
20040016	Add new NOAC for SLR	TNOAC & RREQFLD
2040018	Add Missouri State Tax	TTAX
20040020	Chg Info Message	TPAYMSG
20040027	Chg New York State Tax	TTAX
20040030	Chg NC State Tax	TTAX
20040045	Add to TDEGSVCH	TDEGSCH
20040046	Chg Description in TLOA	TLOA

***** **RECORD COUNT** = 8

APPENDIX D INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS FOR NPPS TABLE RELEASE 2.9.2

Introduction

Release Identification:

System Name - NPPS

Release Number - Release 2.9.2

Release Date - 04/08/04

Release Implementation Date: This release must be implemented after a Payroll Initialization (job CA00006) is run.

Release Inventory:

Dataset Names:

The following datasets are located on the transient storage DASD volumes under the following data sets names:

MSMOV.NPPS.PROD.R292.R0404.TBL

Physical media:

VDD

In case of installation problems contact the NACC Technical Services Center (Use following Key Words: SESAAS & NPPS):

Telephone: (256) 544-5516

E-mail: billy.graham@msfc.nasa.gov

Fax: (256) 544-1836

INSTALLATION SEQUENCE

Installation is to occur in the following sequence:

- 1.0 Backup Existing Data
- 2.0 Install Core Tables
- 3.0 Special Instructions

1.0 BACKUP EXISTING DATA

It is advisable to back up all NPPS files as a precautionary measure prior to installation of software release.

2.0 **INSTALL CORE TABLES**

Perform the following procedures to implement the modifications to NPPS Core Tables.

Load NPPS tables from MSMOV.NPPS.PROD.R292.R0404.TBL into the ADABAS table files NPS2-PER-TABLES (file #237, 19379 records) and NPS2-PAY-TABLES (file #230, 1144 records) using the ADABAS ADASAV utility.

ADASAV RESTORE OVERWRITE ADASAV FMOVE=230,237

3.0 SPECIAL INSTRUCTIONS

3.1 UPDATE NORMAL BASE LINE

Execute normal recalculation job, CA00009, to recalculate the normal base line.

3.2 UPDATE NPPS RELEASE NUMBER

The following process will update the NPPS table release numbers.

- 1. Execute program TOOLVRSN from the Natural Command line.
- 2. Enter "2.9.2" for table version. The software version remains the same.
- 3. Press ENTER; a confirmation message displays.
- 4. Press PF3 to exit the program.